





HILIFT SMATR CONTROL UNIT is an electronic monitoring and protection device specifically designed for the hoisting and traversing mechanisms of cranes. Its core objective is to avoid potential safety risks by real-time monitoring of mechanism movements, recording operational data and triggering protective mechanisms, and calculate the remaining safe working cycles of the crane in accordance with applicable standards.

## BASIC ELECTRICAL CONTROL

Our crane electrical cabinet meets the following standards:

NFPA 70 (NEC) -National Electrical Code  
NFPA 79 -Electrical Standard for Industrial Machinery



### Configuration table

Item	Brand
Electric Cabinet	Me
Lighting Lamp+Door Limit	Me
Electric Cabinet Cable	Lapp
Frequency Converter	Schneider/Abb
Electrical Components	Schneider
Intermediate Relay	Weidmuller
Motorali	Weidmuller
Transformer	HUABO
Terminal	Weidmuller/Wago
Fan	Ebm
Braking Resistance	GBCRANES
Indicator Light	Eaton Moeller
PLC	Siemens
Touch Screen	Siemens
Heavy Load Connector	Wevel
Isolating Switch	Schneider
Timer/Counter	Autonic

### CHS Electronic control specification model table (Pendant+Remote control)

Ton.	Model	Rated voltage	Rated control voltage	Rated current	Crane rated power	Crane rated current	External dimensions	Installation method
3t	GECS03T0160448	3PH AC380-460V 50/60HZ	AC48V 50/60HZ	16A	2x0.37KW	4A	900*550*250	Hanging type
	GECS05T0250448	3PH AC380-460V 50/60HZ	AC48V 50/60HZ	25A	2x0.55KW	4A	900*550*250	Hanging type
5t	GECS05T0250948	3PH AC380-460V 50/60HZ	AC48V 50/60HZ	25A	2x0.75KW	9A	900*550*250	Hanging type
	GECS10T0400948	3PH AC380-460V 50/60HZ	AC48V 50/60HZ	40A	2x0.75KW	9A	900*550*250	Hanging type
10t	GECS10T0501348	3PH AC380-460V 50/60HZ	AC48V 50/60HZ	50A	2x1.1KW	13A	900*550*250	Hanging type
	GECS20T0631348	3PH AC380-460V 50/60HZ	AC48V 50/60HZ	63A	2x1.5KW	13A	1050*650*250	Hanging type
20t	GECS20T0631648	3PH AC380-460V 50/60HZ	AC48V 50/60HZ	63A	2x2.2KW	16A	1050*650*250	Hanging type

### CHD Electronic control specification model table (Pendant+Remote control)

Ton.	Model	Rated voltage	Rated control voltage	Rated current	Crane rated power	Crane rated current	External dimensions	Installation method
3t	GECD03T0160448	3PH AC380-460V 50/60HZ	AC48V 50/60HZ	16A	2x0.55KW	4A	900*550*250	Wall mounted
	GECD05T0250448	3PH AC380-460V 50/60HZ	AC48V 50/60HZ	25A	2x0.75KW	5A	900*550*250	Wall mounted
5t	GECD05T0250948	3PH AC380-460V 50/60HZ	AC48V 50/60HZ	25A	2x1.1KW	9A	900*550*250	Wall mounted
	GECD10T0400948	3PH AC380-460V 50/60HZ	AC48V 50/60HZ	40A	2x1.1KW	9A	900*550*250	Wall mounted
10t	GECD10T0501348	3PH AC380-460V 50/60HZ	AC48V 50/60HZ	50A	2x1.5KW	13A	900*550*250	Wall mounted
	GECD20T0631348	3PH AC380-460V 50/60HZ	AC48V 50/60HZ	80A	2x1.5KW	13A	1050*650*250	Wall mounted
20t	GECD20T0631648	3PH AC380-460V 50/60HZ	AC48V 50/60HZ	80A	2x2.2KW	16A	1050*650*250	Wall mounted
	GECD20T1002048	3PH AC380-460V 50/60HZ	AC48V 50/60HZ	100A	2x3KW	20A	1050*650*250	Wall mounted
32t	GECD32T0801648	3PH AC380-460V 50/60HZ	AC48V 50/60HZ	125A	2x4KW	25A	1100*750*250	Wall mounted
	GECD32T1252548	3PH AC380-460V 50/60HZ	AC48V 50/60HZ	80A	2x2.2KW	16A	1050*650*250	Wall mounted
50t	GECD50T0802048	3PH AC380-460V 50/60HZ	AC48V 50/60HZ	100A	2x3KW	20A	1050*650*250	Wall mounted
	GECD50T1602548	3PH AC380-460V 50/60HZ	AC48V 50/60HZ	125A	2x4KW	25A	1100*750*250	Wall mounted
50t	GECD50T1602048	3PH AC380-460V 50/60HZ	AC48V 50/60HZ	160A	2x3KW	20A	1100*750*250	Wall mounted
	GECD50T1603348	3PH AC380-460V 50/60HZ	AC48V 50/60HZ	160A	2x4KW	25A	1100*750*250	Wall mounted
				160A	2x5.5KW	33A	1100*750*250	Wall mounted